

Please provide the following information, and submit to the NOAA DM Plan Repository.

Reference to Master DM Plan (if applicable)

As stated in Section IV, Requirement 1.3, DM Plans may be hierarchical. If this DM Plan inherits provisions from a higher-level DM Plan already submitted to the Repository, then this more-specific Plan only needs to provide information that differs from what was provided in the Master DM Plan.

URL of higher-level DM Plan (if any) as submitted to DM Plan Repository:

1. General Description of Data to be Managed**1.1. Name of the Data, data collection Project, or data-producing Program:**

Snake River Sockeye Salmon Critical Habitat

1.2. Summary description of the data:

These data depict the freshwater habitat areas designated as critical habitat under the U. S. Endangered Species Act (ESA) for Snake River sockeye salmon (58 FR 68543, December 28, 1993).

1.3. Is this a one-time data collection, or an ongoing series of measurements?**1.4. Actual or planned temporal coverage of the data:****1.5. Actual or planned geographic coverage of the data:**

W: -124.083, E: -113.879933, N: 46.703177, S: 43.883068

1.6. Type(s) of data:

(e.g., digital numeric data, imagery, photographs, video, audio, database, tabular data, etc.)
Map (digital)

1.7. Data collection method(s):

(e.g., satellite, airplane, unmanned aerial system, radar, weather station, moored buoy, research vessel, autonomous underwater vehicle, animal tagging, manual surveys, enforcement activities, numerical model, etc.)

Instrument: Not Applicable

Platform: Not Applicable

Physical Collection / Fishing Gear: Not Applicable

1.8. If data are from a NOAA Observing System of Record, indicate name of system:**1.8.1. If data are from another observing system, please specify:**

2. Point of Contact for this Data Management Plan (author or maintainer)**2.1. Name:**

Shanna Dunn

2.2. Title:

Metadata Contact

2.3. Affiliation or facility:**2.4. E-mail address:**

shanna.dunn@noaa.gov

2.5. Phone number:**3. Responsible Party for Data Management**

Program Managers, or their designee, shall be responsible for assuring the proper management of the data produced by their Program. Please indicate the responsible party below.

3.1. Name:

Shanna Dunn

3.2. Title:

Data Steward

4. Resources

Programs must identify resources within their own budget for managing the data they produce.

4.1. Have resources for management of these data been identified?**4.2. Approximate percentage of the budget for these data devoted to data management (specify percentage or "unknown"):**

Unknown

5. Data Lineage and Quality

NOAA has issued Information Quality Guidelines for ensuring and maximizing the quality, objectivity, utility, and integrity of information which it disseminates.

5.1. Processing workflow of the data from collection or acquisition to making it publicly accessible

(describe or provide URL of description):

Lineage Statement:

The linework for this layer is based on the USGS high resolution National Hydrography Dataset (NHD) - downloaded February 2018;

Process Steps:

- These data (in conjunction with a separate polygon layer) depict the habitat areas

designated by the National Marine Fisheries Service (NMFS) as critical habitat under the U.S. Endangered Species Act (ESA) for Snake River sockeye salmon. The data were developed in 2018 as part of an effort to interpret and depict several salmonid critical habitat designations completed in the 1990s that relied on text-based descriptions but lacked GIS data. Habitat areas for Snake River sockeye were identified based on the following: The regulatory definition of ESA critical habitat for this species found at 50 CFR 226.205(a) and the supporting final rule (58 FR 68543, December 28, 1993); The USGS high resolution National Hydrography Dataset (NHD) - downloaded February 2018; Intrinsic Potential (IP) GIS data developed by the NMFS Northwest Fisheries Science Center; National Elevation Data and Digital Topographic Maps; Fish Passage Barriers data available from www.StreamNet.org; NMFS recovery planning documents for the Snake River basin; The Professional judgment of biologists from the NMFS Interior Columbia Basin Office; Maps and documentation found in the following references: Evermann, B.W. 1896. A Report upon Salmon Investigations in the Headwaters of the Columbia River, in the State of Idaho, in 1895 Together with Notes upon the Fishes Observed in that State in 1894 and 1895. NMFS. 2015. ESA Recovery Plan for Snake River Sockeye Salmon (*Oncorhynchus nerka*) June 8, 2015. Available online at: http://www.westcoast.fisheries.noaa.gov/protected_species/salmon_steelhead/recovery_planning_and_implementation/index.html Teuscher, D., D. Taki., W. Wurtsbaugh, C. Luecke, P. Bundy, H.P. Gross, and G. Steinhart. 1993. Snake River sockeye salmon habitat and limnological research. Annual Report 1993. Prepared for U. S. Department of Energy, Bonneville Power Administration, Division of Fish and Wildlife, P.O. Box 3621, Portland, OR 97208-3621. Project Number 91-7 1. Contract Number DE-BI79-91BP22548. June 1994)

5.1.1. If data at different stages of the workflow, or products derived from these data, are subject to a separate data management plan, provide reference to other plan:

5.2. Quality control procedures employed (describe or provide URL of description):

6. Data Documentation

The EDMC Data Documentation Procedural Directive requires that NOAA data be well documented, specifies the use of ISO 19115 and related standards for documentation of new data, and provides links to resources and tools for metadata creation and validation.

6.1. Does metadata comply with EDMC Data Documentation directive?

No

6.1.1. If metadata are non-existent or non-compliant, please explain:

Missing/invalid information:

- 1.3. Is this a one-time data collection, or an ongoing series of measurements?
- 1.4. Actual or planned temporal coverage of the data

- 4.1. Have resources for management of these data been identified?
- 5.2. Quality control procedures employed
- 7.3. Data access methods or services offered
- 7.4. Approximate delay between data collection and dissemination
- 8.1. Actual or planned long-term data archive location
- 8.3. Approximate delay between data collection and submission to an archive facility
- 8.4. How will the data be protected from accidental or malicious modification or deletion prior to receipt by the archive?

6.2. Name of organization or facility providing metadata hosting:

NMFS Office of Science and Technology

6.2.1. If service is needed for metadata hosting, please indicate:

6.3. URL of metadata folder or data catalog, if known:

<https://www.fisheries.noaa.gov/inport/item/56644>

6.4. Process for producing and maintaining metadata

(describe or provide URL of description):

Metadata produced and maintained in accordance with the NOAA Data Documentation Procedural Directive: https://nosc.noaa.gov/EDMC/DAARWG/docs/EDMC_PD-Data_Documentation_v1.pdf

7. Data Access

NAO 212-15 states that access to environmental data may only be restricted when distribution is explicitly limited by law, regulation, policy (such as those applicable to personally identifiable information or protected critical infrastructure information or proprietary trade information) or by security requirements. The EDMC Data Access Procedural Directive contains specific guidance, recommends the use of open-standard, interoperable, non-proprietary web services, provides information about resources and tools to enable data access, and includes a Waiver to be submitted to justify any approach other than full, unrestricted public access.

7.1. Do these data comply with the Data Access directive?

Yes

7.1.1. If the data are not to be made available to the public at all, or with limitations, has a Waiver (Appendix A of Data Access directive) been filed?

7.1.2. If there are limitations to public data access, describe how data are protected from unauthorized access or disclosure:

7.2. Name of organization of facility providing data access:

West Coast Regional Office (WCRO)

7.2.1. If data hosting service is needed, please indicate:

7.2.2. URL of data access service, if known:

https://archive.fisheries.noaa.gov/wcr/maps_data/endangered_species_act_critical_habitat.html

https://archive.fisheries.noaa.gov/wcr/publications/gis_maps/maps/salmon_steelhead/esa/sockeye/so

7.3. Data access methods or services offered:**7.4. Approximate delay between data collection and dissemination:****7.4.1. If delay is longer than latency of automated processing, indicate under what authority data access is delayed:****8. Data Preservation and Protection**

The NOAA Procedure for Scientific Records Appraisal and Archive Approval describes how to identify, appraise and decide what scientific records are to be preserved in a NOAA archive.

8.1. Actual or planned long-term data archive location:

(Specify NCEI-MD, NCEI-CO, NCEI-NC, NCEI-MS, World Data Center (WDC) facility, Other, To Be Determined, Unable to Archive, or No Archiving Intended)

8.1.1. If World Data Center or Other, specify:**8.1.2. If To Be Determined, Unable to Archive or No Archiving Intended, explain:****8.2. Data storage facility prior to being sent to an archive facility (if any):**

West Coast Regional Office - Portland, OR

8.3. Approximate delay between data collection and submission to an archive facility:**8.4. How will the data be protected from accidental or malicious modification or deletion prior to receipt by the archive?**

Discuss data back-up, disaster recovery/contingency planning, and off-site data storage relevant to the data collection

9. Additional Line Office or Staff Office Questions

Line and Staff Offices may extend this template by inserting additional questions in this section.